

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E82388

**Participation :** CTR

**Employer :** Virginia Mason Medical Center

**Status :** Affected

**Worksite :** First Hill

**Survey Type :** Online

**Street :** 1100 9th Ave

**Response Rate :** 40%

**Jurisdiction :** City of Seattle

**Survey Date :** 12/14/2019

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 71.5%

**Drive Alone Rate :** 28.5%

**One-Way VMT per employee :** 4.7

**Average One-Way distance home to work :** 14.7

### Employees and Survey Response Information

**Reported Total Employees at Worksite :** 4,273

**Surveys Distributed :** 3,114

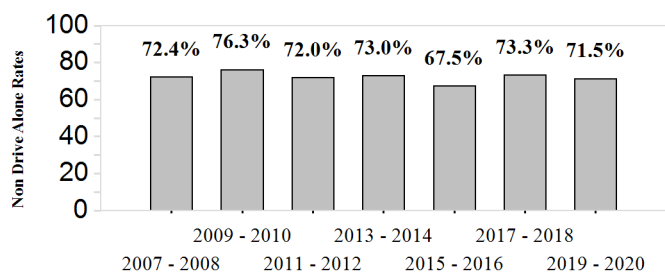
**Surveys Returned :** 1,230

**Surveys Returned by CTR Affected\* Employees :** 1,102

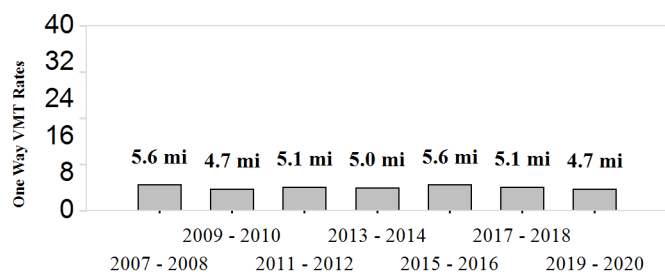
**Total Estimated CTR Affected Employees at Worksite :** 2,790

\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

### Annual Metric Tons CO2e Pounds CO2e

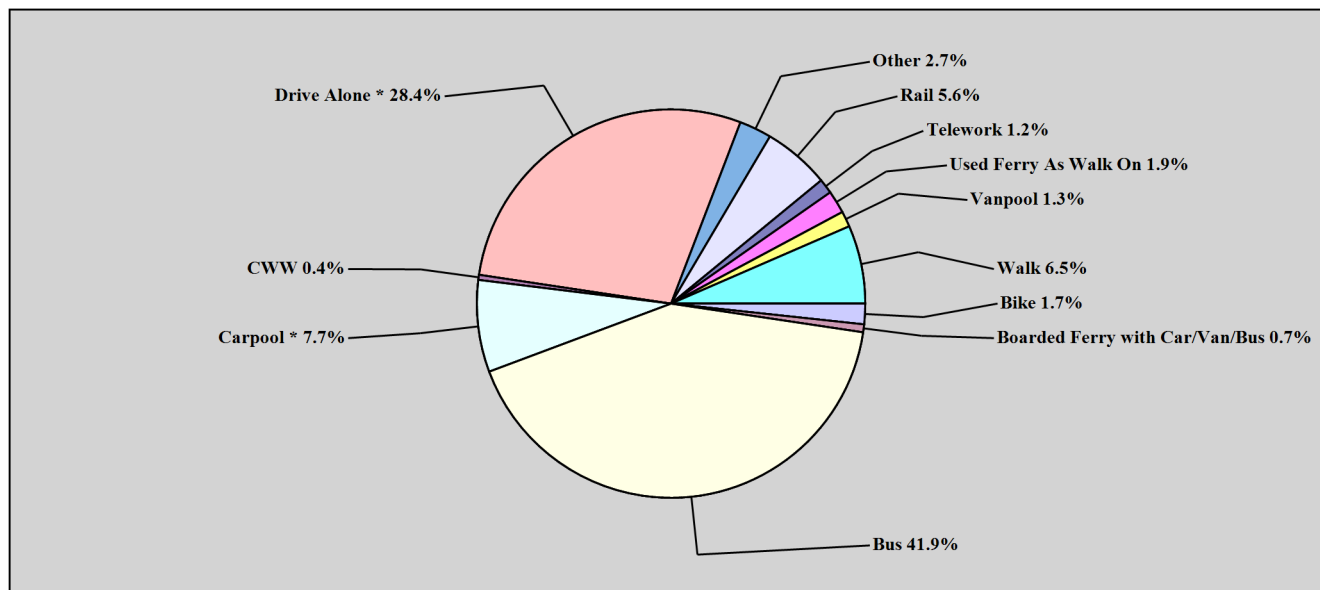
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	72.4%	74.3%	1341	4080	8.4	5.6	5.3
2009 - 2010	76.3%	78.0%	1113	3716	7.7	4.7	4.6
2011 - 2012	72.0%	73.5%	1289	4216	8.7	5.1	4.9
2013 - 2014	73.0%	74.4%	1739	3871	8.0	5.0	4.8
2015 - 2016	67.5%	71.2%	2991	4141	8.5	5.6	5.0
2017 - 2018	73.3%	75.9%	986	3537	7.3	5.1	4.7
2019 - 2020	71.5%	72.7%	1238	4299	8.9	4.7	4.5
Target	56.0%				Target:	N/A	
% Point Change Target:	-16.4				% Change Target:	N/A	
% Point Change from Baseline:	-0.9				% Change from Baseline:	-16.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



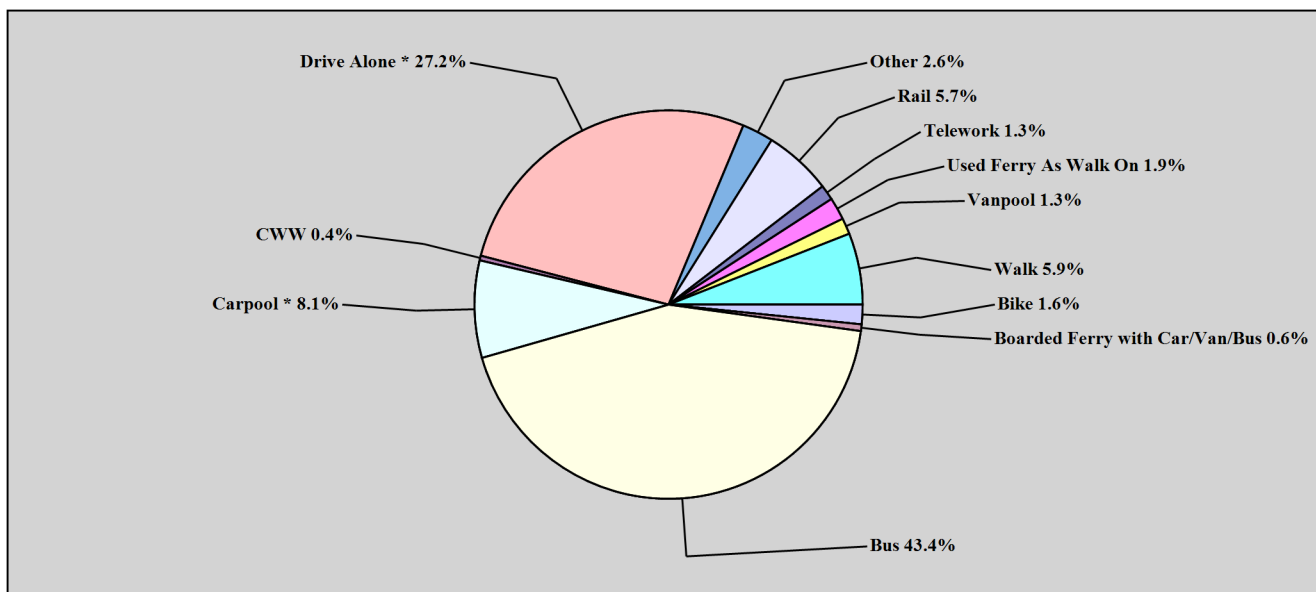
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,684	28.4%	26.7%	529	43.0%	42.5%
Carpool *	453	7.7%	7.6%	154	12.5%	11.7%
Vanpool	77	1.3%	0.9%	19	1.5%	1.1%
Bus	2,483	41.9%	45.1%	619	50.3%	53.3%
Rail	329	5.6%	5.7%	88	7.2%	7.6%
Bike	101	1.7%	1.6%	30	2.4%	2.4%
Walk	386	6.5%	5.4%	88	7.2%	6.0%
Telework	73	1.2%	0.7%	31	2.5%	1.4%
CWW	25	0.4%	0.4%	16	1.3%	1.1%
Boarded Ferry with Car/Van/Bus	39	0.7%	0.6%	14	1.1%	1.7%
Used Ferry As Walk On	112	1.9%	3.2%	28	2.3%	3.5%
Other	159	2.7%	2.0%	54	4.4%	3.7%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,461	27.2%	24.1%	463	42.0%	40.0%
Carpool *	434	8.1%	7.9%	147	13.3%	12.4%
Vanpool	72	1.3%	1.1%	18	1.6%	1.3%
Bus	2,327	43.4%	47.5%	576	52.3%	57.1%
Rail	304	5.7%	6.3%	81	7.4%	8.6%
Bike	87	1.6%	1.4%	26	2.4%	2.1%
Walk	319	5.9%	5.6%	73	6.6%	6.3%
Telework	68	1.3%	0.4%	30	2.7%	1.1%
CWW	21	0.4%	0.4%	15	1.4%	1.2%
Boarded Ferry with Car/Van/Bus	30	0.6%	0.5%	11	1.0%	1.6%
Used Ferry As Walk On	100	1.9%	2.8%	24	2.2%	3.2%
Other	140	2.6%	2.0%	47	4.3%	3.7%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

### Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	270	22%	1,230	100%
<b>1 Days</b>	36	3%	960	78%
<b>2 Days</b>	57	5%	924	75%
<b>3 Days</b>	124	10%	867	70%
<b>4 Days</b>	166	13%	743	60%
<b>5 Days</b>	477	39%	577	47%
<b>6 or More Days</b>	100	8%	100	8%

### Count by Occupancy of Carpools and Vanpools

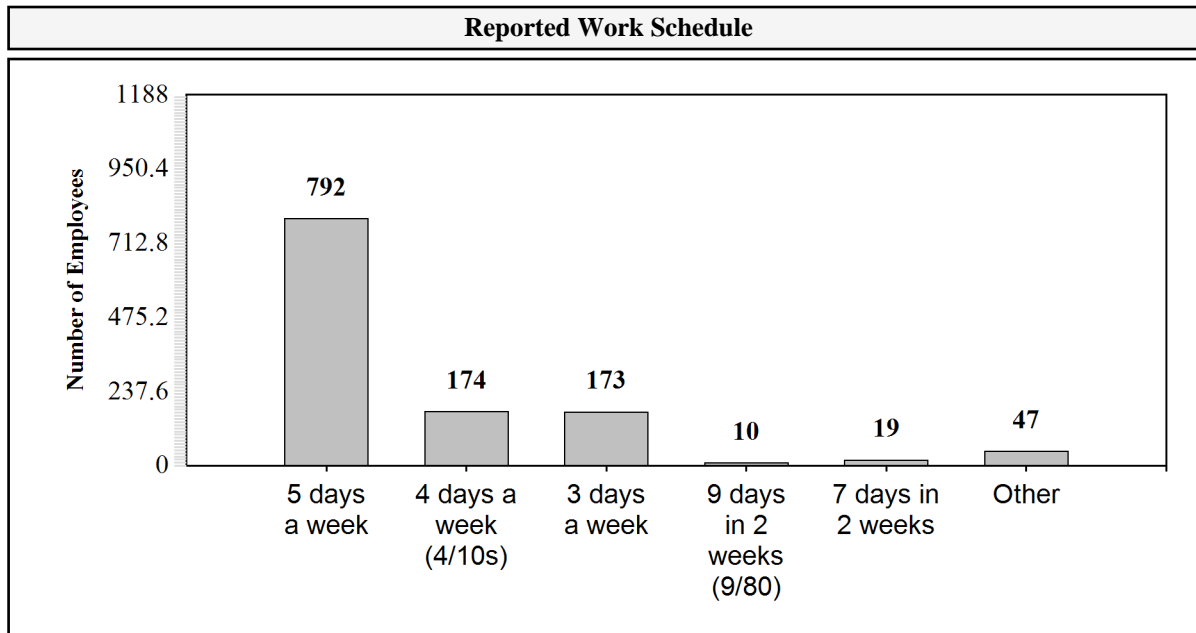
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	384
<b>3</b>	Carpool	41
<b>4</b>	Carpool	12
<b>5</b>	Carpool	11
<b>&gt;5</b>	Carpool	5
<b>&lt;5</b>	Vanpool	29
<b>5</b>	Vanpool	33
<b>6</b>	Vanpool	5
<b>7</b>	Vanpool	10
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

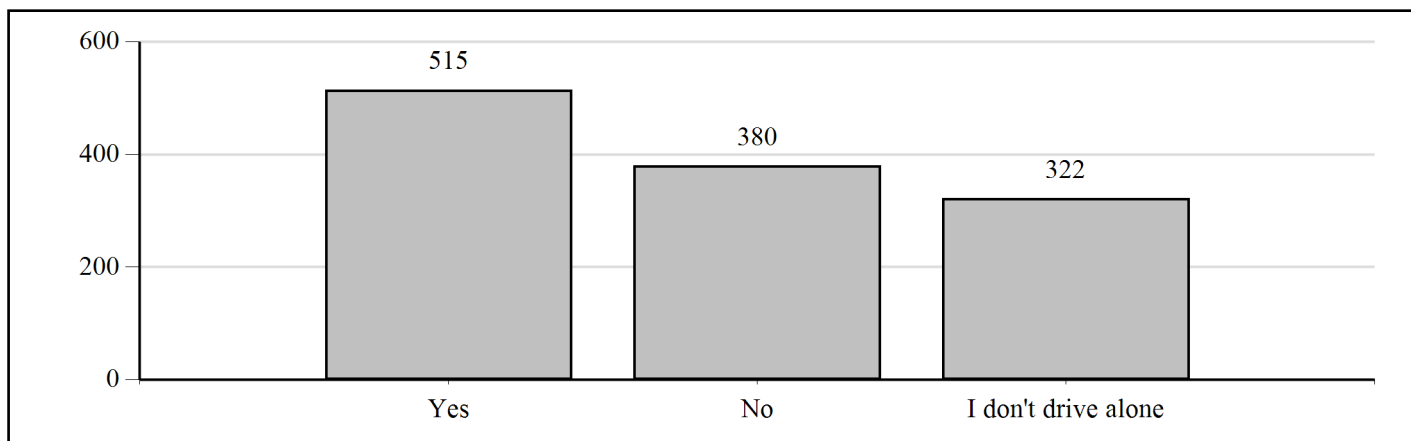
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	792	65.2%
4 days a week (4/10s)	174	14.3%
3 days a week	173	14.2%
9 days in 2 weeks (9/80)	10	0.8%
7 days in 2 weeks	19	1.6%
Other	47	3.9%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	15	1.2%
I don't telework	1066	86.7%
Occasionally, on an as-needed basis	92	7.5%
1-2 days/month	28	2.3%
1 day/week	12	1.0%
2 days/week	4	0.3%
3 days/week	13	1.1%

## Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	716	24.6%
Cost of parking or lack of parking	670	23.0%
To save money	492	16.9%
Environmental and community benefits	240	8.2%
Personal health or well-being	204	7.0%
Other	128	4.4%
To save time using the HOV lane	125	4.3%
Driving myself is not an option	118	4.1%
Financial incentives for carpooling, bicycling or walking.	100	3.4%
Emergency ride home is provided	45	1.5%
I have the option of teleworking	41	1.4%
Preferred/reserved carpool/vanpool parking is provided	18	0.6%
I receive a financial incentive for giving up my parking space	14	0.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	685	28.9%
I like the convenience of having my car	495	20.9%
Other	408	17.2%
Family care or similar obligations	381	16.1%
My job requires me to use my car for work	144	6.1%
Bicycling or walking isn't safe	128	5.4%
My commute distance is too short	71	3.0%
I need more information on alternative modes	54	2.3%
There isn't any secure or covered bicycle parking	5	0.2%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98122	50	4.07%	25	21	0	0	76	0	11	119	0	0	0	0	11
98103	48	3.90%	90	7	0	0	137	0	5	0	0	1	0	0	1
98115	43	3.50%	86	17	0	0	99	2	5	0	1	2	0	0	2
98118	40	3.25%	54	25	0	0	52	63	0	0	2	0	0	0	5
98102	35	2.85%	33	6	0	3	32	0	12	63	0	4	2	0	18
98133	31	2.52%	56	15	0	0	69	0	0	0	0	0	1	1	0
98125	29	2.36%	41	6	0	0	79	1	4	0	0	0	0	0	0
98144	29	2.36%	44	14	0	12	37	8	13	3	1	0	0	0	16
98116	26	2.11%	32	16	0	5	59	4	3	0	3	0	0	4	4
98112	25	2.03%	35	11	0	5	33	3	18	19	0	0	0	0	8
98106	22	1.79%	17	9	0	0	73	0	0	0	0	1	0	0	0
98109	22	1.79%	13	3	0	0	66	0	0	7	0	0	0	0	6
98023	19	1.54%	32	1	0	0	55	2	0	0	0	0	0	0	0
98031	19	1.54%	30	4	0	0	48	4	0	0	4	0	0	0	3
98107	19	1.54%	21	12	0	0	45	0	0	0	0	3	0	0	0
98117	19	1.54%	20	13	0	3	47	0	5	0	0	1	0	0	0
98032	18	1.46%	16	7	5	0	36	13	0	0	3	1	0	0	0
98101	18	1.46%	1	0	0	0	6	0	7	97	0	0	0	0	0
98136	18	1.46%	49	4	3	0	25	0	3	0	0	0	0	0	2
98030	17	1.38%	15	13	0	0	31	17	0	0	1	0	0	0	0
98105	17	1.38%	26	1	0	3	26	1	0	2	1	4	0	0	8
98108	17	1.38%	25	3	0	0	26	22	0	0	0	0	0	0	3
98119	17	1.38%	31	0	0	3	43	0	0	0	0	0	0	0	15
98126	17	1.38%	27	0	0	0	47	0	0	0	0	1	0	0	5
98155	17	1.38%	21	2	0	0	56	0	0	0	4	0	0	0	0
98178	17	1.38%	30	5	5	0	28	7	0	0	5	0	1	0	3





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98040	16	1.30%	35	4	0	0	32	5	3	0	0	0	0	0	0
98026	15	1.22%	11	11	0	0	43	0	0	0	0	0	1	0	0
98121	15	1.22%	9	8	7	0	23	0	0	25	0	0	0	0	3
98036	14	1.14%	10	12	0	5	50	0	0	0	0	0	0	0	0
98104	14	1.14%	0	5	0	0	18	2	0	50	0	1	0	0	0
98146	14	1.14%	40	5	0	0	12	10	0	0	1	0	0	0	0
98208	14	1.14%	18	10	8	0	27	0	0	0	0	1	0	0	0
98027	13	1.06%	21	14	0	0	25	0	0	0	1	0	0	0	0
98055	13	1.06%	16	0	0	0	42	0	0	0	0	0	0	0	0
98001	12	0.98%	8	6	8	3	23	5	0	0	1	0	0	0	0
98012	12	0.98%	19	0	0	0	39	0	0	0	0	0	0	0	0
98058	12	0.98%	14	3	6	0	25	5	0	0	0	0	0	0	0
98087	12	0.98%	12	6	0	0	38	0	0	0	0	0	0	0	0
98168	12	0.98%	16	11	0	0	28	1	0	0	0	0	0	0	0
98199	12	0.98%	20	11	0	0	19	0	5	0	0	0	0	0	0
98034	11	0.89%	17	0	0	0	29	0	0	1	6	0	0	0	2
98092	11	0.89%	31	4	0	0	5	4	0	0	3	0	0	0	3
98110	11	0.89%	0	0	0	1	2	0	0	0	0	0	9	35	9
98177	11	0.89%	21	3	0	0	26	0	0	0	4	2	0	0	0
98003	10	0.81%	18	0	0	0	25	0	0	0	0	0	0	0	0
98037	10	0.81%	10	3	0	0	38	0	0	0	0	0	0	0	0
98052	10	0.81%	16	2	0	0	24	0	0	0	0	0	5	0	0
98059	10	0.81%	9	5	1	0	28	0	0	0	0	0	0	0	0
98002	9	0.73%	12	2	0	0	11	15	0	0	0	0	0	0	5
98056	9	0.73%	11	10	0	0	19	0	0	0	0	0	0	0	0
98188	9	0.73%	20	3	0	0	12	10	0	0	0	0	0	0	0
98198	9	0.73%	6	5	0	0	9	19	0	0	3	0	0	0	0
98005	8	0.65%	18	4	0	0	19	0	1	0	0	0	0	0	0
98006	8	0.65%	18	4	0	0	21	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98020	8	0.65%	11	5	0	0	12	4	0	0	0	0	0	0	0
98422	8	0.65%	0	0	5	0	32	0	0	0	1	0	0	0	0
98008	7	0.57%	10	3	0	0	15	0	1	0	0	0	0	0	0
98043	7	0.57%	13	4	0	0	19	0	0	0	0	0	0	0	0
	6	0.49%	8	0	0	0	14	2	0	0	0	0	0	0	0
98011	6	0.49%	12	0	0	0	16	0	0	0	0	0	0	0	0
98021	6	0.49%	9	2	0	0	13	0	0	0	3	0	1	0	0
98028	6	0.49%	4	0	0	0	22	1	0	0	0	0	0	0	1
98166	6	0.49%	10	3	7	0	8	0	0	0	0	0	0	0	0
98007	5	0.41%	15	0	0	0	10	0	0	0	0	0	2	0	0
98033	5	0.41%	16	0	0	0	5	0	0	0	0	0	0	0	2
98038	5	0.41%	5	0	0	4	13	1	0	0	0	0	0	0	0
98057	5	0.41%	2	0	0	0	12	5	0	0	0	0	0	0	6
98070	5	0.41%	1	0	3	0	0	0	0	0	0	0	4	15	0
98072	5	0.41%	7	0	0	0	13	0	0	0	3	0	0	0	1
98074	5	0.41%	4	5	0	0	13	0	0	0	0	0	0	0	0
98075	5	0.41%	10	5	0	0	9	0	0	0	0	1	0	0	0
98204	5	0.41%	9	0	0	0	14	0	0	0	0	0	0	0	0
98258	5	0.41%	1	0	4	0	15	0	0	0	0	0	0	0	4
98371	5	0.41%	13	0	0	0	0	11	0	0	0	0	0	0	0
98391	5	0.41%	4	1	0	0	1	12	0	0	0	0	0	0	5
98004	4	0.33%	6	0	0	3	6	0	2	0	0	0	0	0	0
98042	4	0.33%	10	0	0	0	9	0	0	0	1	0	0	0	0
98053	4	0.33%	8	0	0	0	13	0	0	0	0	0	0	0	0
98148	4	0.33%	6	0	0	0	4	11	0	0	0	0	0	0	0
98275	4	0.33%	1	0	0	0	15	0	0	0	0	0	0	0	0
98296	4	0.33%	2	10	0	0	6	0	0	0	0	0	0	0	0
98311	4	0.33%	0	0	0	0	0	0	0	0	0	0	7	12	0
98370	4	0.33%	0	0	0	0	0	0	0	0	1	0	0	20	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98466	4	0.33%	5	0	0	0	11	3	0	0	0	0	0	0	0
98201	3	0.24%	0	11	5	0	0	0	0	0	0	0	0	0	0
98203	3	0.24%	2	2	0	0	3	5	0	0	0	0	0	0	0
98270	3	0.24%	3	0	0	0	13	0	0	0	0	0	0	0	0
98272	3	0.24%	7	0	0	0	7	0	0	0	0	0	0	0	0
98321	3	0.24%	6	0	0	0	0	8	0	0	0	0	0	0	0
98374	3	0.24%	5	0	0	0	5	0	0	0	1	0	0	0	5
98375	3	0.24%	0	0	0	0	5	9	0	0	0	0	0	0	0
98402	3	0.24%	2	1	0	0	10	1	0	0	0	0	0	0	0
98424	3	0.24%	4	5	0	0	5	0	0	0	0	0	0	0	0
98014	2	0.16%	12	0	0	0	0	0	0	0	0	0	0	0	0
98029	2	0.16%	8	0	0	0	0	0	0	0	0	0	0	0	0
98045	2	0.16%	8	0	0	0	0	0	0	0	0	0	0	0	0
98065	2	0.16%	0	8	0	0	1	0	0	0	0	1	0	0	0
98077	2	0.16%	5	0	0	0	5	0	0	0	0	0	0	0	0
98223	2	0.16%	1	0	0	0	7	0	0	0	0	0	0	0	0
98271	2	0.16%	0	2	5	0	3	0	0	0	0	0	0	0	0
98346	2	0.16%	0	0	0	0	0	0	0	0	0	0	0	8	0
98366	2	0.16%	0	0	0	0	0	5	0	0	0	0	5	0	0
98367	2	0.16%	0	1	0	0	8	0	0	0	0	0	0	0	0
98372	2	0.16%	0	0	0	0	0	9	0	0	0	0	0	0	0
98387	2	0.16%	2	0	0	0	0	12	0	0	0	0	0	0	0
98403	2	0.16%	1	0	0	0	6	0	0	0	0	0	0	0	0
98404	2	0.16%	10	0	0	0	0	0	0	0	0	0	0	0	0
21218	1	0.08%	0	0	0	0	0	0	0	0	5	0	0	0	0
59718	1	0.08%	0	0	0	0	0	0	0	0	5	0	0	0	0
98019	1	0.08%	1	0	0	0	4	0	0	0	0	0	0	0	0
98024	1	0.08%	3	0	0	0	0	0	0	0	0	0	0	0	0
98025	1	0.08%	4	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98047	1	0.08%	0	4	0	0	0	0	0	0	0	0	0	0	0
98123	1	0.08%	0	0	0	0	0	0	3	0	0	0	0	0	0
98225	1	0.08%	7	0	0	0	0	0	0	0	0	0	0	0	0
98229	1	0.08%	3	0	0	0	0	0	0	0	0	0	0	0	0
98233	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98260	1	0.08%	0	0	0	0	4	0	0	0	0	0	0	0	0
98290	1	0.08%	0	5	0	0	0	0	0	0	0	0	0	0	0
98292	1	0.08%	0	0	0	0	3	0	0	0	0	0	0	0	0
98293	1	0.08%	0	0	5	0	0	0	0	0	0	0	0	0	0
98294	1	0.08%	4	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.08%	0	0	0	0	0	0	0	0	0	0	0	7	0
98312	1	0.08%	0	0	0	0	0	0	0	0	5	0	0	0	0
98337	1	0.08%	0	0	0	0	0	0	0	0	0	0	0	0	2
98359	1	0.08%	0	0	0	0	2	0	0	0	3	0	0	0	0
98360	1	0.08%	0	0	0	0	0	4	0	0	1	0	0	0	0
98373	1	0.08%	1	0	0	0	0	2	0	0	0	0	0	0	0
98380	1	0.08%	4	0	0	0	0	0	0	0	0	0	1	0	0
98383	1	0.08%	0	0	0	0	0	0	0	0	0	0	0	5	0
98405	1	0.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98406	1	0.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98407	1	0.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
98408	1	0.08%	0	0	0	0	5	0	0	0	0	0	0	0	1
98418	1	0.08%	5	0	0	0	0	0	0	0	0	0	0	0	0
98444	1	0.08%	2	0	0	0	1	1	0	0	0	0	0	0	0
98499	1	0.08%	0	0	0	0	3	0	0	0	0	0	0	0	0
98528	1	0.08%	0	0	0	0	0	0	0	0	0	0	0	5	0
98576	1	0.08%	0	5	0	0	0	0	0	0	0	0	0	0	0
98658	1	0.08%	0	0	0	0	5	0	0	0	0	0	0	0	0
99815	1	0.08%	4	0	0	0	0	0	0	0	0	1	0	0	0